

SECRET

25X1

Copy 1 of 5

NRO REVIEW COMPLETED

17 March 1962

MEMORANDUM FOR THE RECORD

SUBJECT : Itak Cost Proposal for (M-2) Single Lens Stereo  
40° Panoramic System

1. Brief Description: Itak proposes to develop a 40 inch,  $f/3.5$ , Petzval lens (scaled up from the C-11 lens) in a race-track arrangement in order to permit a single lens (weighing about 100 pounds) to service two separate film platens in a panoramic convergent stereo action. This system would utilize two each 7000' rolls of 5 inch polyester base film. Total weight was estimated at about 230 pounds for the camera system alone. This weight includes payload, but does not include recovery system, fairing, aloft or other associated items.

2. Cost Data: This is rough cost data and subject to change:

a. Lens (Three months)

- (1) Design
- (2) Glass (2 sets)
- (3) Test plates

Total

NRO  
25X1

b. Lens Hardware (Nine months)

- (1) Lens fabrication and assembly
- (2) Cell design and fabrication
- (3) Handling tools and fixtures

Total

NRO  
25X1

25X1

SECRET

NRO  
25X1

Page 2

c. Jeppia drive. "racetrack": (Six months)

- (1) Engineering and design
- (2) Assembly
- (3) Test

Sub-total

(Note: This engineering could be covered under the [ ] contract)

- (4) Fabrication
- (5) Material

Sub-total

Total

3. Summary Costs: If we utilize Contract- [ ] for some of the engineering cost, the total additional cost to go this far would be about [ ]

NR  
25X1

25X1  
NRO  
25X1

25X1

25X1

cc: USAF (Major. Howard)

Distribution:

- 1-DB/DPD
- 2-C/DB/DPD
- 3-SA/TA/DPD
- 4-CONTR/DPD
- 5-USAF
- 6-SFB/DPD
- 7-RI/DPD
- 8-DB/Chrono

DPD/DB, [ ]

25X1

25X1

25X1

SECRET